BRUHATH BENGALURU MAHANAGARA PALIKE

Yelahanka Division, Yelahanka Zone

Executive Engineeer
Yelahanka Division
B.B.M.P. Bengaluru - 64

No:EE/YNK-D/E-PMT/08/2020-21 Dated: 26-11-2020

APPROVED TENDER SCHEDULE –'B'

Item 18

Name of Work :-Providing Chain link fencing in ward no:04

Sl	Description	Unit	Approved Qty	Rate quoted by the contractor approved rates Sri R RANGANATH	
				Rate	Rate in Words
1	Earthwork in surface excavation for levelling and lowering the ground manually (Other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift up to 1.5m, excavated surface levelled and neatly dressed, disposed earth to be levelled including breaking of clods and neatly As per Engineer In-Charges	Cum	239.69	446.72	Four Hundred FourtySix Paise SeventyTwo Only
2	Earthwork excavation by manual means for foundation of buildings, water supply and sanitary lines and electrical conduits etc, either in pits or in trenches 1.5m and above in width, in soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. including breaking of clods. As per Engineer In-Charges	Cum	80.10	392.72	Three Hundred NinetyTwo Paise SeventyTwo Only
3	Providing and laying in position plain cement concrete of Mix 1:3:6 with OPC @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM curing complete as per specifications. SpecificationAs per Engineer In-Charges	Cum	42.40	5698.59	Five Thousand Six Hundred NinetyEight Paise FiftyNine Only
4	Providing and laying in position plain cement concrete of Mix 1:2:4 with OPC @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregtes @ 0.53cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM curing complete as per specifications, As per Engineer In-Charges	Cum	34.53	5842.68	Five Thousand Eight Hundred FourtyTwo Paise SixtyEight Only
5	Providing and constructing granite /trap/ baslat size stone masonry in foundation with cement mortar 1:6, stones hammerd dressed in courses not less than 20cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. As per Engineer In-Charges	Cum	61.97	4983.93	Four Thousand Nine Hundred EightyThree Paise NinetyThree Only

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	Providing and constructing granite / trap / basalt size stone masonry in basement with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, HOM, scaffolding, curing complete as per specifications As per Engineer In-Charges	Cum	23.90	5941.88	Five Thousand Nine Hundred FourtyOne Paise EightyEight Only
7	Providing ruled pointing to coursed stone masonry with cement mortar, 20mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications. – do – cement mortar 1:4. As per Engineer In-Charges	Sqm	39.48	155.34	One Hundred FiftyFive Paise ThirtyFour Only
8	Providing and laying in position plain cement concrete of mix M20 with OPC cement @ 300kgs, with 20mm and down size graded granite metal coarse aggregates @0.64cum and fine aggregtes @ 0.43cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications As per Engineer In-Charges	Cum	9.26	5875.71	Five Thousand Eight Hundred SeventyFive Paise SeventyOne Only
9	Providing and laying flooring using prepolished, water cut/gang saw 19mm thick granite laid over bed of 20mm thick 1:4 cm & jointed with neat cement slurry mixed with pigment to mach shade of granite slabs including laying POP on finished surface and cleaning the surface, including the cost of all materials and labours etc., complete as per specifications. - using silver grey granite / Multy Red / Ruby Red / Black / HassanGreen Granite of width not less than 900mm As per Engineer In-Charges	Sqm	32.00	2603.72	Two Thousand Six Hundred Three Paise SeventyTwo Only
10	Supplying and fixing M.S. Rectangular poles made out of 2 equal angles of 65x65~6m m welded together and fixed in CC (1 :2:4) WITH 2 NOS 16mm dia M.S. hold fast rods each of length 25 crns. Including cost of all materials cutting, bending scaffolding wherever necessary, nicely finishing the welded joints with all lead and lift and as per the directions of the Engineer-in-charge of the work and including providing 2 coats of approved quality paint over one coat of shop painting. (excluding cost of earth work and concrete) As per Engineer In-Charges	M	92.50	910.54	Nine Hundred Ten Paise FiftyFour Only
11	Providing and fixing M.S block pipe of 38mm dia of heavy guage of 14 including removing the bends, cutting the pipes and fixing pipe in between the two vertical poles (M.S rectangular poles) and spot welding the chain link with M.S block pipe including cost of all materials wastage in cutting and scaffolding wherever necessary with all lead and lift as directed by the engineer in charge of work etc, complete including two coats of approved quality paint over one coat of shop paint As per Engineer In-Charges	M	220.50	432.48	Four Hundred ThirtyTwo Paise FourtyEight Only

	Providing chain link fencing 50 mm size of 8 gauge properly stretched between rectangular poles and fixed with suitable bolts & nuts, the free ends shall be welded to the pole and block pipe at top and bottom as required including cost of all materials, labour, lead and lifts and as per the directions of Engineer-in-charge of work including two coats of approved quality paint over one coat of shop paint As per Engineer In-Charges	Sqm	147.00	757.90	Seven Hundred FiftySeven Paise Ninety Only
13	Applying red lead ready mix priming coat over new steel or other metal surface including preparing the surface after throughly cleaning oil, grease, dirt and other foreign matter, and scoured with wire brushes, fine steel wool, sand papers including cost of materials, labour, complete as per specifications As per Engineer In-Charges	Sqm	264.60	43.46	FourtyThree Paise FourtySix Only
14	Providing and applying enamel metal paint two coats (excluding priming coat) over new steel or other metal surface brushing to give an even shade after cleaning oil, grease, dirt and other foreign matter, including cost of materials, labour, complete as per specifications As per Engineer In-Charges	Sqm	264.60	100.70	One Hundred Paise Seventy Only
15	Providing and fixing pre cast solid concrete kerb stones of size 450x200x400 mm made out of CC 1:2:4 and finished with CM 1:3 plastering and finishing cutting ete., complete As per Engineer In-Charges	No	625.00	481.66	Four Hundred EightyOne Paise SixtySix Only
16	Providing and applying ready mix priming coat over concrete / masonry / asbestos cement sheet / plastered surfaces including preparing the surface after throughly cleaning of oil, grease, dirt and other foreign matter, and sand papering including cost of materials, labour, complete as per specifications As per Engineer In-Charges	Sqm	100.00	39.22	ThirtyNine Paise TwentyTwo Only
17	Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specifications As per Engineer In-Charges	Sqm	100.00	84.80	EightyFour Paise Eighty Only
18	Providing and laying heavy duty cobble stones interlock pavers, using cement and course sand for manufacture of blocks of approved size, shape and colour with a minimum compressive strength of 281 kg per sqm over 50mm thick sand bed (average thickness) and compacting with plate vibrator having 3 tons compaction force thereby forcing part of sand underneath to come up in between joints, final compaction of paver surface joints into its final level, including cost of materials, labour and HOM complete as per specifications. - do - heavy duty cobble stones 60mm thick As per Engineer In-Charges	Sqm	213.78	1137.24	One Thousand One Hundred ThirtySeven Paise TwentyFour Only

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	Providing and fixing in position collapsible steel shutters with single or double leaf with vertical channel 20mmx10mmx2mm braced with flat iron diagonals 20mmx5mm size, with top and bottom rails of T ironsections of 40x40x6 mm with 38mm dia steel pulleys complete with bolt and nuts, locking arrangements, stoppers, handles on both sides with 7.5cms openings at 10 cms. c to c applying a priming coat of red lead paint. cost of materials, labour, HOM complete as per specifications.size of gate 2.4mx1.4m As per Engineer In-Charges	Sqm	23.33	5626.80	Five Thousand Six Hundred TwentySix Paise Eighty Only
20	Providing and fixing Joint bench of Granite made out of Sadarahalli Grey Stone legs with back supporting with 15Omm slab with 4line finishing. all accessories and with all lead and lift, loading and unloading etc., complete and as per approved design. As per Engineer In-Charges	No	16.00	10500.00	Ten Thousand Five Hundred Only
21	Supply & Fixing of Children Multi Play Equipment: Upright structural post of heiht 2.2 m and 3.00 m are to be schedule HOT DIP Galvanized Steel with a 144mm OD and 2.2mm (Wall) Thickness of the tubing. The Steel Quality is BS1387 - 1985 technical Standard BS1387-1985. The Poles are welded on to a base plate made from stel With 114mm inner diameter specifialised connectors such as clamps and coupling casted from aluminum alloy which is prepared, cured and sandblasted and finished with a baked on powder coat finish using AkzoNobel INTERPON coating are used to connect the various components of the Playground. Deck are pressed, punched and welded sand blasted and vinyl plastic coated to a thickness of 4mm. Deck perimeter is precision pre punched for attachments Crab Roof of Size 2.7m x 3.8 m x 0.8m, Straight Slide of size 2.22 m x 0.82m x 1.50m, Straight Slide of Size 2.72m x 0.82m x 1.20 m Snake Ladder Climber of Thickness Dia 38mm, Frisbee Climber, Pancis The Rates are to be inclusive of Supply and Installation at site Inclusive of All Taxes and Transporatation Charges. As per Engineer In-Charges	No	1.00	790710.00	Seven Lakh Ninety Thousand Seven Hundred Ten Only

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22	Supply and fixing of Children multi play Equipment with swing and toddler and tubular slide with animated roof upright structure press of height 2.2m, 2.6 and 3.0m are to be scheduke HOT DIP Galvanised Steel with a 114mm OD and 2.2mm Wall Thickness of the tubbing. The finished products must have following characterstic Deck of Size 1.45 x 1.45m and Staircase of size 1.05m x 0.77 m are fabricated from 2mm perforated solid purched steel Deck perimeter is precision pre punched for attachments. Handle of Height 1.9m and dia 32 mm Shall be all robotic welded unit. Deck of Size of 1.05m x 0.77 m are fabricated from 2mm performed solid punched steel deck precision pre punched for attachments sun Roof of size 2.0m x 1.78m x 0.77m, Double slide of size 1916mm x 1134 mm x 1987 mm Tube slide of size 2160 mm x 1042mm x 1.78 m x0.77m, Double slide of size 1635mm x 1107mm x 1888mm Panel, Roofs and panels are copyrighted and IP Proctected worldwide. Top Rails of Swing of Size 3.2m x 1.14m are all robotic and welded systems , fabricated from 114 O.D and Thickness of 2.2 mm galvanized steel pipes with a based on powder coat finish. The rates are to be Inclusive of supply and installation at site. Inclusive of all Taxes and Transportation Charges. As per Engineer In-Charges	No	1.00	1067429.00	Ten Lakh SixtySeven Thousand Four Hundred TwentyNine Only
23	Supplying Sand For Children play area As per Engineer In-Charges	Cum	22.30	1802.0	One Thousand Eight Hundred Two Only
24	Supplying and fixing dust bins (PVC) As per Engineer In-Charges	Each	24.00	8500.0	Eight Thousand Five Hundred Only

Signature of the Contractor

Executive Engineer,
Yelahanka Division,
BBMP, Bengaluru-64.